

ABSTRACT

A code division multiple access (CDMA) user device configured to dynamically allocating at least at least one wireless communication channel to permit a more efficient allocation of wireless communication channels when providing high speed data service. The CDMA user device is configured to receive data traffic from at least one data buffer in a base station. The CDMA user device is dynamically allocated at least one wireless communication channel based on an urgency factor. The urgency factor indicates the urgency of traffic data to be transmitted from the at least one data buffer in the base station to the CDMA user device.